

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME Union Oil Company of California
 ADDRESS Attn: John Zager
 P.O. Box 196247
 Anchorage, AK 99519-6247
 FACILITY Trading Bay Production Facility
 LOCATION Cook Inlet, Alaska

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

AKG-31-5002
 PERMIT NUMBER
 MONITORING PERIOD
 YEAR MO DAY
 08 03 01
 TO YEAR MO DAY
 08 03 31
 DISCHARGE NUMBER
 015

OMB No. 2040-0004

NOTE: Read instructions before completing this form.

PARAMETER (2-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) (45-53)			QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45)			QUALITY OR CONCENTRATION (46-53)			(54-61)			NO. EX (62-69)	FREQUENCY OF ANALYSIS (64-69)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	AVERAGE	MAXIMUM	UNITS	AVERAGE	MAXIMUM	UNITS	AVERAGE	MAXIMUM			
015 Produced Water Flow Rate *	MEASUREMENT PERMIT REQUIREMENT	3,460162	3,628716	MGD														Weekly	Estimate
015 Produced Water Produced Sand	SAMPLE MEASUREMENT PERMIT REQUIREMENT										No Discharge							Weekly	Estimate
015 Produced Water pH**	SAMPLE MEASUREMENT PERMIT REQUIREMENT								7		8						5 / Month	Grab	
015 Produced Water Flow Rate > 1 mgd	SAMPLE MEASUREMENT PERMIT REQUIREMENT								6		9						Weekly	Grab	
015 Produced Water Oil and Grease***	SAMPLE MEASUREMENT PERMIT REQUIREMENT										16						Weekly	Grab Average	
015 Produced Water Copper	SAMPLE MEASUREMENT PERMIT REQUIREMENT										29						Weekly	Grab Average	
015 Produced Water Manganese	SAMPLE MEASUREMENT PERMIT REQUIREMENT										6						Monthly	Grab	
015 Produced Water Mercury	SAMPLE MEASUREMENT PERMIT REQUIREMENT										47						Monthly	Grab	
015 Produced Water Silver	SAMPLE MEASUREMENT PERMIT REQUIREMENT										2						Monthly	Grab	
015 Produced Water Zinc	SAMPLE MEASUREMENT PERMIT REQUIREMENT										25						Monthly	Grab	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.																		
John Zager General Manager Mid Continent/Alaska Business Unit	Date A. Haines D. Haines PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT																		
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	See Trading Bay Production Facility Page 3 of 3 for comments.																		

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 YEAR 08 MO 03 DAY 01
 TO YEAR 08 MO 03 DAY 31
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PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING (54-61)		UNITS	QUALITY OR CONCENTRATION (46-53)		QUALITY OR CONCENTRATION (54-61)		UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-69)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)		MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)					
015 Produced Water	MEASUREMENT				4		4		mg/L		Monthly	Grab
TAH	PERMIT				18		27		mg/L		Monthly	Grab
015 Produced Water	SAMPLE MEASUREMENT				4		4		mg/L		Monthly	Grab
TAQH	PERMIT				Report		Report		mg/L		Monthly	Grab
015 Produced Water	SAMPLE MEASUREMENT				No Sample		No Sample		mg/L		Quarterly	Grab
Total Ammonia	PERMIT				Report		Report		mg/L		Quarterly	Grab
015 Produced Water	SAMPLE MEASUREMENT				No Sample		No Sample		TUC		Annually	Grab
Whole Effluent Toxicity Mytilus sp. *	PERMIT				283		668		TUC		Annually	Grab
015 Produced Water	SAMPLE MEASUREMENT				No Sample		No Sample		TUC		Annually	Grab
Whole Effluent Toxicity Dendroica eximius	PERMIT				283		283		TUC		Annually	Grab
015 Produced Water	SAMPLE MEASUREMENT				No Sample		No Sample		TUC		Annually	Grab
Whole Effluent Toxicity Meridia beryllina	PERMIT				283		283		TUC		Annually	Grab
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER John Zager General Manager Mid Continent/Alaska Business Unit I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.												
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) *Identified as the most sensitive species.												

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015
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YEAR			MO			DAY			TO		
08	08	01	08	03	31	08	03	31			

COMMENTS PAGE 3 OF 3

NOTE: Read instructions before completing this form.

* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.
Estimated well treatment fluid flow rate: 0.002016

** Frequency of pH measurement has been increased to more closely monitor water quality.

*** Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.

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John Zager General Manager Mid Continent/Alaska Business Unit				Signature of Principal Executive Officer		(907) 276-7600		08 04 20	
TYPED OR PRINTED				Principal Executive Officer or Authorized Agent		AREA CODE		NUMBER	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)									